

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Brett Anthony Cheng Group Art Unit: 2609
Serial No.: 10/765,230 Examiner: Elijah M. Sheets
Filed: January 27, 2004 Confirmation No.: 1753
Title: Display Apparatus and Method Capable of Rotating an Image

TERMINAL DISCLAIMER AND CERTIFICATE UNDER 37 CFR §3.73(b)

Sir:

Your petitioner, Seiko Epson Corporation, a corporation duly organized under the laws of Japan, having a principal office at 3-5, Owa 3-chome, Suwa-shi, Nagano-ken, 392-8502 Japan, and duly represented by the undersigned, represents that it is the assignee of the full title and interest in and to the above-identified application, Serial No. 10/765,230 filed January 27, 2004, as evidenced by the deed of Assignment recorded on March 19, 2001 at Reel 011637, Frame(s) 0834.

Your petitioner hereby disclaims the terminal part of any patent granted on the above-identified application, which would extend beyond the expiration date of the full statutory term of U.S. Patent No. 6,226,016 B1 as presently shortened by any terminal disclaimer, and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent No. 6,226,016 B1, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

Your petitioner does not disclaim any terminal part of any patent granted on the above-identified application prior to the expiration date of the full statutory term of U.S. Patent No. 6,226,016 B1, as presently shortened by any terminal disclaimer, in the event that subsequent hereto U.S. Patent No. 6,226,016 B1 expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is the subject of any disclaimer under 37 CFR §1.321(a), has all claims cancelled by a reexamination certificate or is otherwise terminated prior to the expiration of its statutory term as presently shortened by any terminal disclaimer.

Petitioner is the assignee of the entire interest in and to the above-identified application, as evidenced by the assignment recorded on March 19, 2001 at Reel 011637, Frame(s) 0834, a copy of which is attached to this disclaimer.

For submissions on behalf of Seiko Epson Corporation, the undersigned, whose title is supplied below, is empowered to act on behalf of the Petitioner

Date: August 27, 2007

By: /Mark P. Watson/
Mark P. Watson
Attorney for Applicants
Registration No. 31,448

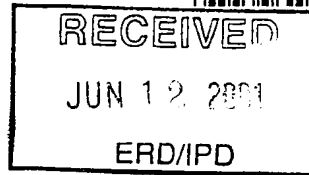
Epson Research and Development, Inc.
Intellectual Property Department
2580 Orchard Parkway, Suite 225
San Jose, CA 95131
Customer No. 20178
Phone: (408) 952-6124
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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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JUNE 07, 2001

PTAS
EPSON RESEARCH AND DEVELOPMENT INC.
MARK P. WATSON
INTELLECTUAL PROPERTY DEPARTMENT
150 RIVER OAKS PARKWAY, SUITE 225
SAN JOSE, CA 95134



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/19/2001

REEL/FRAME: 011637/0834
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

EPSON RESEARCH AND DEVELOPMENT,
INC.

DOC DATE: 03/14/2001

ASSIGNEE:

SEIKO EPSON CORPORATION
4-1 NISHISHINJUKU 2-CHOME,
SHINJUKU-KU
TOKYO, JAPAN

SERIAL NUMBER: 09733732
PATENT NUMBER:

FILING DATE: 12/07/2000
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECO

04-04-2001



101668318

EET

U.S. Department of Commerce
Patent and Trademark Office

VP008I.C1

To The Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

<p>1. Name of conveying party(ies): Epson Research And Development, Inc. 150 River Oaks Parkway, Suite 225 San Jose, California 95134</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <i>Seiko Epson Corporation</i> Internal Address: Street Address: <i>4-1 Nishishinjuku 2-Chome, Shinjuku-ku, Tokyo, Japan</i></p>		
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: March 14, 2001</p>	<p>Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <div data-bbox="1117 766 1567 1039"><p>RECEIVED MAR 19 2001</p></div>		
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:</p> <table border="1"><tr><td data-bbox="120 1123 852 1249">A. Patent Application No(s). 09/733,732</td><td data-bbox="852 1123 1588 1249">B. Patent No(s).</td></tr></table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No(s). 09/733,732	B. Patent No(s).
A. Patent Application No(s). 09/733,732	B. Patent No(s).		
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Intellectual Property Department Epson Research And Development Inc. 150 River Oaks Parkway, Suite 225 San Jose, CA 95134</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41)\$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account.</p> <p>8. Deposit Account Number: <u>19-2746</u></p>		
<p>DO NOT USE THIS SPACE</p>			
<p>9. Statement and signature.</p> <p><i>To the best of my knowledge and belief, the foregoing information is true and correct and any copy is a true copy of the original document.</i></p> <p><i>Mark P. Watson</i> Registration No. 31,448</p> <p>Date: March 15, 2001</p> <table border="1"><tr><td data-bbox="120 1858 1502 1894">Total number of pages including cover sheet, attachments and document:</td><td data-bbox="1502 1858 1588 1894">3</td></tr></table>		Total number of pages including cover sheet, attachments and document:	3
Total number of pages including cover sheet, attachments and document:	3		

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ASSIGNMENT

Corporate

EPSON RESEARCH AND DEVELOPMENT, INC., a California corporation, having a principal place of business at 150 River Oaks Parkway, Suite 225, San Jose, CA 95134 (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application identified below (hereafter sometimes called the "Patent Application").

SEIKO EPSON CORPORATION, a corporation of Japan, having a place of business at 4-1 Nishishinjuku 2-chome, Shinjuku-ku Tokyo, Japan (hereafter the "Assignee"), desires to acquire all of the rights to the Patent Application and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to the Patent Application identified below, and all inventions described and claimed therein, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

<u>ERD Case</u> <u>No.</u>	<u>U. S.</u> <u>Serial No.</u>	<u>U. S. Filing Date</u>	<u>Title</u>
VP008I.C1	09/733,732	December 07, 2000	Display Apparatus And Method Capable Of Rotating An Image By 180 Degrees

By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent Application and any continuing, divisional, reissue, reexamination or corresponding application thereof and also to execute separate Assignment in connection with such application as the Assignee may deem necessary or expedient;
- b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Application or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and

c. to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee on any of the Patent Application and on any continuation, division, reissue or reexamination of any of the Patent Application.

The Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

EPSON RESEARCH AND DEVELOPMENT, INC., a California corporation, certifies that it is the Assignee of the entire right, title and interest in the Patent Application identified above by virtue of Assignment from the inventors of the Patent Application identified above. Assignment to be recorded in the Patent and Trademark Office as identified below.

<u>ERD</u> Case No.	<u>U. S.</u> Serial No.	<u>Assignment</u> <u>Execution Date</u>
VP008I.C1	09/733,732	January 24, 2001

The undersigned has reviewed the documents in the Patent Application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

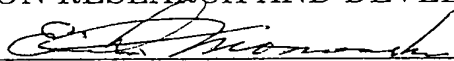
The undersigned is empowered to sign this certificate on behalf of the Assignor.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

EPSON RESEARCH AND DEVELOPMENT, INC.

By:



Eishi Momosaki

President

Title

3-14-2001

Date